

IN THE SPECIFICATION:

Kindly amend the Abstract of the Disclosure as indicated:

A
A method of practicing precision farming wherein ~~a ground~~
~~launched, air breathing, powered an~~ an unmanned, miniature
aircraft overflies a field ~~being surveyed~~ to acquire aerial
imagery ~~of the same~~ thereof. The flight path of the aircraft
is controlled at least partially by automated control apparatus
carried aboard the aircraft, and preferably includes radio
signal inputs from the a GPS. The flight path includes
alternating turns assuring that as much of the field as
possible be overflown in one flight. Where necessary, plural
complementary flights are may be conducted. The aircraft ~~is~~
~~preferably controlled to~~ may land at a predetermined site which
~~may be outside of the field being surveyed and which may be its~~
~~own launch site~~. Preferably, a redundant navigation system
utilizing altitude, air speed, and pitch and roll sensors
supplements the GPS inputs. Acquired images may be include
multispectral, hyperspectral, ultraspectral, thermal, synthetic
aperture radar, or laser radar, ~~or any combination thereof~~.
The imagery is analyzed ~~after acquisition~~ to determine
localized needs. An agricultural operation ~~such as for example~~
~~application of water, seed, herbicide, pesticide, fungicide, or~~
~~performing for example an operation such as pruning or~~

harvesting, is then performed according to the need as
determined by the analysis.
